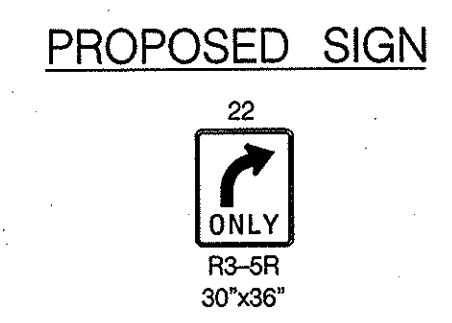
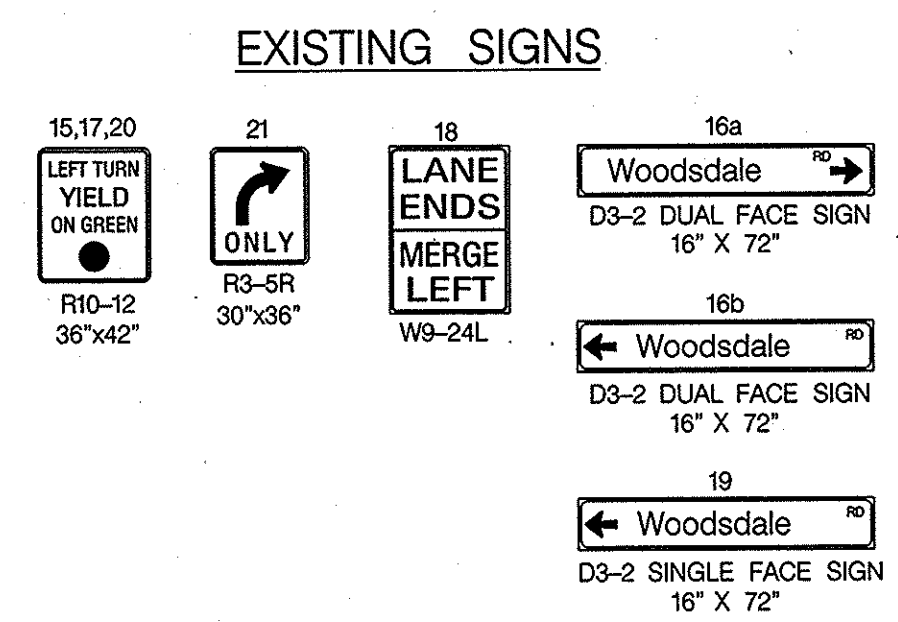


DRILL HOLES

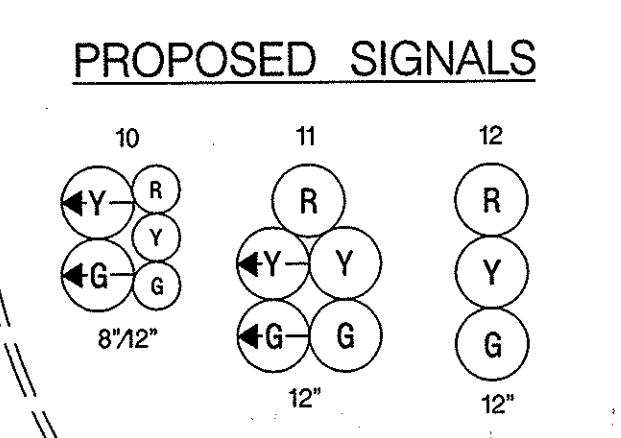
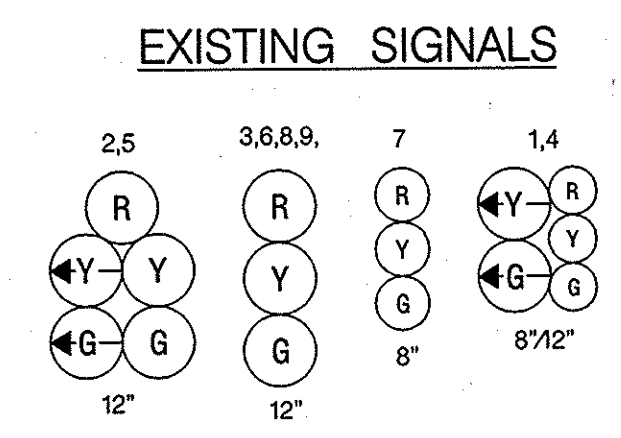
DRILL HOLES

DRILL HOLES

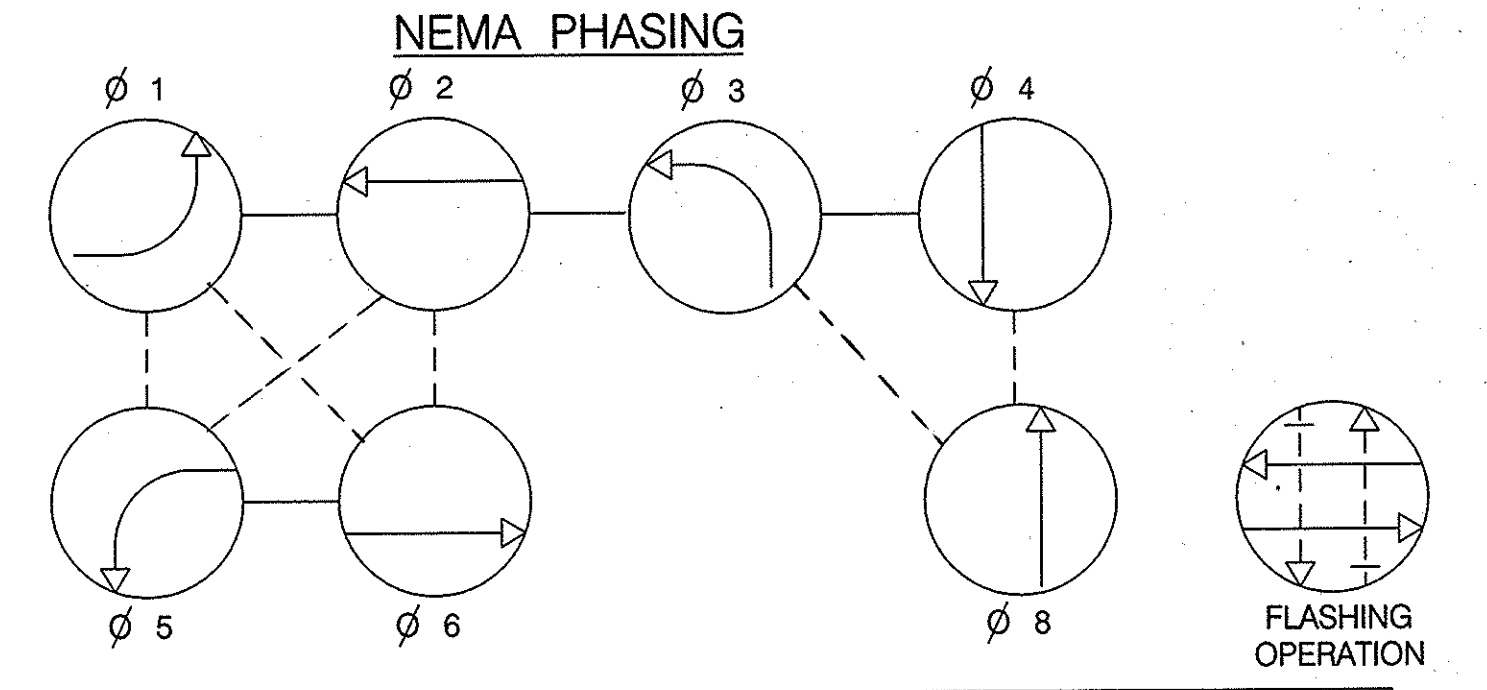
MD 924 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



CONSTANT FRIENDSHIP SHOPPING CENTER



PROPOSED VIDEO DETECTION CAMERA



PHASING NOTES:

1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

PROJECT DESCRIPTION
THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 924 AND WOODSDALE ROAD IN HARFORD COUNTY, MD. MD 924 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION
THE INTERSECTION CURRENTLY OPERATES IN A SIX PHASE FULLY-ACTUATED MODE WITH EXCLUSIVE-PERMISSIVE LEFT TURN PHASES FOR N.B. AND S.B. MD 924 AND CONCURRENT SIDE STREET PHASING.

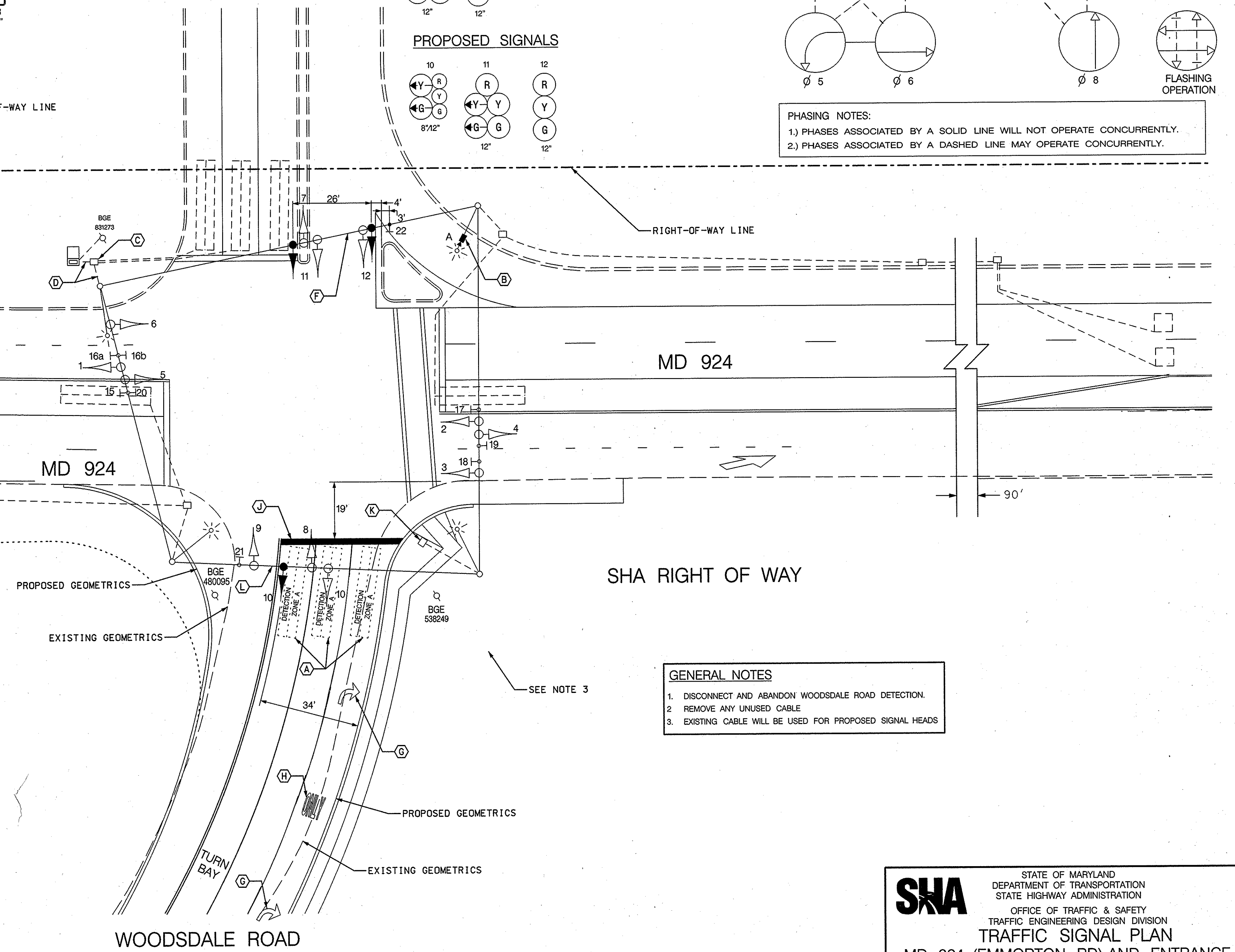
PROJECT CONSTRUCTION
WORK WILL CONSIST OF REPLACING THE WOODSDALE ROAD DETECTION DUE TO WIDENING, AND ADDING AN E/PLT FOR WOODSDALE RD.

EQUIPMENT LIST "A"
A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST "B"
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
1S	MAINTENANCE OF TRAFFIC
2 EA	FURNISH AND INSTALL HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING ARROW
4 EA	FURNISH AND INSTALL HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING LETTER
45 LF	FURNISH AND INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
1 EA	FURNISH AND INSTALL R3-5(R) SIGN (30" X 36") - SPAN WIRE MOUNT
1 EA	ADJUST HANDHOLE FRAME AND COVER TO FINAL GRADE
1 EA	FURNISH AND INSTALL VIDEO DETECTION CAMERA
1 EA	FURNISH AND INSTALL 200 FT. VIDEO DETECTION CABLE
10 EA	FURNISH AND INSTALL 12 IN. TRAFFIC SIGNAL HEAD SECTION
3 EA	FURNISH AND INSTALL 8 IN. TRAFFIC SIGNAL HEAD SECTION



GENERAL NOTES

1. DISCONNECT AND ABANDON WOODSDALE ROAD DETECTION.
2. REMOVE ANY UNUSED CABLE.
3. EXISTING CABLE WILL BE USED FOR PROPOSED SIGNAL HEADS.

CONSTRUCTION DETAILS

A. VIDEO DETECTION ZONE
B. INSTALL VIDEO DETECTION CAMERA ON EXISTING STREET LIGHTING ARM
C. USE EXISTING HANDHOLE
D. USE EXISTING CONDUIT
E. USE EXISTING SPAN WIRE
F. REMOVE EXISTING SIGNAL HEADS 11 AND 12 AND INSTALL NEW SIGNAL HEADS AND R3-5R SIGN ON EXISTING SPAN WIRE
G. INSTALL ARROW PAVEMENT MARKING
H. INSTALL "ONLY" PAVEMENT MARKING
I. INSTALL 24" WHITE PAVEMENT MARKING
K. ADJUST HANDHOLE TO FINAL GRADE
L. REMOVE EXISTING NEAR-SIDE SIGNAL HEAD AND INSTALL NEW SIGNAL HEAD

APPROVALS

TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS

NO.	DATE	DESCRIPTION
1	4-12-05	REPLACE WOODSDALE ROAD DETECTION
2	10-20-06	MODIFIED DUE TO GEOMETRIC CHANGES 1/18/88

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
MD 924 (EMMORTON RD) AND ENTRANCE TO CONSTANT FRIENDSHIP SHOPPING CENTER/WOODSDALE RD.

SCALE 1"=20' DATE 10-20-06 CONTRACT NO. _____

DESIGNED BY E. SIMMERS COUNTY HARFORD
DRAWN BY E. SIMMERS LOGMILE 12092400.19
CHECKED BY S. RENZI T.I.M.S. NO. 4672
F.A.P. NO. NA TOD NO. _____

DRAWING NO. 2241C SHEET NO. 1 OF 1

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